Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1   1. (Currently amended): A method of searching unstructured data stored in a
2   database, the method comprising:
3   storing unstructured data in a column of a database table in character large object
4   (CLOB) format;
5   receiving user input identifying one or more elements in the unstructured data
6   stored in CLOB format as query elements;
7   ~~generating a set of database tables in response to the user input identifying the one~~
8   ~~or more elements in the unstructured data as query elements[[,]] the set of database tables~~
9   ~~configured to translate a query element to an associated user-identified element in the~~
10   ~~unstructured data; and~~
11   generating a plurality of database tables representing an intermediate index
12   between each query element and at least one of the one or more elements identified as query
13   elements in the unstructured data stored in CLOB format;
14   generating one or more queries on the unstructured data stored in CLOB format
15   using the query elements;
16   translating a query element associated with a query on the unstructured data based
17   on the plurality of tables to a corresponding element in the unstructured data stored in CLOB
18   format; and
19   obtaining information from the unstructured data stored in CLOB format for the
20   corresponding element.

1   2. (Previously presented): The method of claim 1 wherein the one or more
2   queries specify at least one value and an operation that is to be performed on a user-identified
3   element in the unstructured data.

1   3. (Previously presented): The method of claim 2 wherein the one or more

2   queries further include a start date and an end date.

        4. (Canceled)

1   5. (Currently amended): The method of claim [[4]] 1 wherein the unstructured

2   data comprises a well-formed XML document stored within a column of a database table.

1   6. (Currently amended): The method of claim 5 wherein XML fields of the

2   unstructured data are filled with transaction data intercepted from a database transaction prior to

3   committing the transaction based on a predefined mapping to multiple data sources.

1   7. (Previously presented): The method of claim 6 wherein the multiple data

2   sources comprise multiple tables of a database.

1   8. (Original): The method of claim 1 wherein the unstructured data is part of an

2   electronic record stored in a common repository of electronic records that provides an audit trail

3   that cannot be altered or disabled by users of the system.

1   9. (Currently amended): A method of searching XML data stored in a column of

2   a database table in character large object (CLOB) format, the method comprising:

3   storing the XML data in the column of the database table in CLOB format,

4   wherein the XML data comprises a first plurality of XML elements that conform to a first data

5   type definition (DTD) and a second plurality of XML elements that conform to a second DTD;

6   receiving user input identifying one or more elements in the first and second

7   plurality of XML elements as query elements;

8   ~~generating a set of database tables in response to the user input identifying the one~~

9   ~~or more elements in the first and second plurality of XML elements as query elements, the set of~~

10   ~~database tables configured to translate a query element to an associated user-identified element~~

11   ~~in the first and second plurality of XML elements; and~~

12   generating a plurality of database tables representing an intermediate index

13   between each query element and at least one of the one or more elements in the first and second

14   plurality of XML elements identified as query elements in the unstructured data stored in CLOB

15   format;

16   generating one or more queries on the unstructured data stored in CLOB format

17   using the query elements;

18   translating a query element associated with a query on the unstructured data based

19   on the plurality of tables to a corresponding element in the unstructured data stored in CLOB

20   format; and

21   obtaining information from the unstructured data stored in CLOB format for the

22   corresponding element.

1   10. (Currently amended): The method of claim 9 wherein the first and second

2   DTDs include first and second XML elements, respectively, that share a common name but

3   represent different types of data; and

4   wherein translating a query element associated with a query on the unstructured

5   data based on the plurality of tables to a corresponding element in the unstructured data stored in

6   CLOB format comprises the set of database tables are configured to translate translating a first

7   query element that represents the first XML element and not the second XML element and a

8   second query element that represents the second XML element and not the first XML element.

1   11. (Currently amended): A computer system for searching unstructured data

2   stored in a database, the computer system comprising:

3   a processor;

4   a database; and

5   a computer-readable memory coupled to the processor, the computer-readable

6   memory configured to store a computer program;

7   wherein the processor is operative with the computer program to:

8   (i)   store unstructured data in a column of a database table in character

9   large object (CLOB) format;

10   (ii)   receive user input identifying one or more elements in the

11   unstructured data <u>stored in CLOB format</u> as query elements;

12   (iii)   ~~generate set of database tables in response to the user input~~

13   ~~identifying the one or more elements in the unstructured data as query elements, the set of~~

14   ~~database tables configured to translate a query element to an associated user-identified~~

15   ~~element in the unstructured data; and~~ <u>generating a plurality of database tables</u>

16   <u>representing an intermediate index between each query element and at least one of the</u>

17   <u>one or more elements identified as query elements in the unstructured data stored in</u>

18   <u>CLOB format;</u>

19   (iv)   generating one or more queries on the unstructured data <u>stored in</u>

20   <u>CLOB format</u> using the query elements<u>;</u>

21   <u>(v)   translating a query element associated with a query on the</u>

22   <u>unstructured data based on the plurality of tables to a corresponding element in the</u>

23   <u>unstructured data stored in CLOB format; and</u>

24   <u>(vi)   obtaining information from the unstructured data stored in CLOB</u>

25   <u>format for the corresponding element.</u>

1   12. (Previously presented): The computer system of claim 11 wherein the one or

2   more queries specify at least one value and an operation that is to be performed on a user-

3   identified element in the unstructured data.

      13. (Canceled)

1   14. (Previously presented): The computer system of claim 11 wherein the

2   unstructured data comprises well-formed XML documents stored within a column of a table

3   stored in the database.

1   15. (Original): The computer system of claim 14 wherein fields of the

2   unstructured data are filled with transaction data from a database transaction based on a

3   predefined mapping to multiple data sources.

1   16. (Currently amended): A computer-readable storage medium storing a

2   computer program operative with a processor of a computer system for searching unstructured

3   data stored in a database, the computer program comprising:

4   code for storing unstructured data in a column of a database table <u>in character</u>

5   <u>large object (CLOB) format</u>;

6   code for receiving user input identifying one or more elements in the unstructured

7   data <u>stored in CLOB format</u> as query elements;

8   code for ~~generating a set of database tables in response to the user input~~

9   ~~identifying the one or more elements in the unstructured data as query elements, the set of~~

10 ~~database tables configured to translate a query element to an associated user-identified element~~

11 ~~in the unstructured data; and~~ <u>generating a plurality of database tables representing an</u>

12 <u>intermediate index between each query element and at least one of the one or more elements</u>

13 <u>identified as query elements in the unstructured data stored in CLOB format</u>;

14   code for generating one or more queries on the unstructured data <u>stored in CLOB</u>

15 <u>format</u> using the ~~indexed~~ <u>query</u> elements<u>;</u>

16   <u>code for translating a query element associated with a query on the unstructured</u>

17 <u>data based on the plurality of tables to a corresponding element in the unstructured data stored in</u>

18 <u>CLOB format; and</u>

19   <u>code for obtaining information from the unstructured data stored in CLOB format</u>

20 <u>for the corresponding element</u>.

1   17. (Previously presented): The computer program of claim 16 wherein the one

2   or more queries specify at least one value and an operation that is to be performed on a user-

3   identified element in the unstructured data.

       18. (Canceled)

1   19. (Original): The computer program of claim 16 wherein the unstructured data

2   comprises well-formed XML documents stored within a column of a table stored in the database.

1   20. (Original): The computer program of claim 16 wherein fields of the

2   unstructured data are filled with transaction data from a database transaction based on a

3   predefined mapping to multiple data sources.